

Date: Tue, 27 Jul 93 07:44:14 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #906  
To: Info-Hams

Info-Hams Digest                      Tue, 27 Jul 93                      Volume 93 : Issue    906

Today's Topics:

Alinco DJ580T woes and MCF...  
Amateur Radio public service (2 msgs)  
ARRL Internet connection (was: Re: STILL waiting ...) (3 msgs)  
difference between 4X250B & 4CX250 tubes  
FT-221 Manual/copy needed  
historic question (3 msgs)  
information needed on region 8's tech license....  
Latest modes of operating and highest frequencies ?  
rsgb gb2rs news 25th july (2 msgs)  
RTTY/CW via Soundblaster?...  
VE Test Conditions  
Wash Cnty, OR Antenna Ordinance - HELP !!  
What arew hams doing abt the floods

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: Mon, 26 Jul 1993 20:37:48 GMT  
From: pacbell.com!well!moon!pixar!mongo!bruce@network.ucsd.edu  
Subject: Alinco DJ580T woes and MCF...  
To: info-hams@ucsd.edu

I think by MCF you mean being able to monitor two two-meter, two 70 cm, or  
one two-meter and one 70 cm frequency at the same time. This requires that  
each of the two front-ends in the radio work on either band. Sorry, the  
Alinco radios up to their newest have two separate single-band front ends,  
one for each band - from what I have seen on the schematics.

I think there are some Yaseu radios that come with this feature.

By the way, there is an emergency net today due to a sulphuric acid spill here in Richmond and an H2S cloud from the spill. I operated with my base and HT from my home until it was safe to drive to work. My DJ-580, which Alinco modified to reduce intermod, is working much better now - it no longer desenses when there is another transmitter operating the same repeater nearby.

Bruce Perens KD60TD

-----  
Date: Mon, 26 Jul 1993 18:37:47 GMT  
From: csus.edu!netcom.com!jfh@decwrl.dec.com  
Subject: Amateur Radio public service  
To: info-hams@ucsd.edu

ka6etb@GRAFex.Cupertino.CA.US (KA6ETB Steve Harding) wrote:

>I agree with this. More training should be given for emergency  
>communications. I believe it should be a part of the licensing tests.

Maybe, but it's hard to see how that could be done. Emergency operation seems to vary greatly from area to area, and from emergency to emergency; could you come up with questions which are both true and meaningful?

--

-----  
Jack Hamilton      jfh@netcom.com      kd6ttl@n0ary.#nocal.ca.us.na (AMPR)  
Post Office Box Box 281107      San Francisco, California 94128 USA

-----  
Date: Mon, 26 Jul 93 11:33:32 -0800  
From: pacbell.com!amdahl!grafex!ka6etb@network.ucsd.edu  
Subject: Amateur Radio public service  
To: info-hams@ucsd.edu

In <1821@arrl.org> bbattles@arrl.org (Brian Battles WS10) writes:  
]...[

>> More hams should become a part of the unofficial emergency group--NTS.  
>> If, for no other reason, to learn how to handle emergency H&W traffic.

> That sure is handy! Except that, in the emergencies I've seen personally,  
>few of the participating amateurs were registered ARES Members or had ever  
>been heard on the local NTS nets. I guess sometimes just using your noodle is

>sufficient.

I imagine that most new amateurs gain their license through study sponsored by local amateur radio clubs. It should be a part of their training. It should also be a part of the licensing examination, IMO.

Not everyone enjoys NTS as much as I used to (and will again, once I finish off this big project to which I am committed). But everyone should, at least, be familiar with it.

73 de KA6ETB

-----  
Date: 26 Jul 1993 18:21:39 GMT  
From: meaddata!dem@uunet.uu.net  
Subject: ARRL Internet connection (was: Re: STILL waiting ...)  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jherndo@eis.calstate.edu (John Herndon) writes:

> Well, stop taking it out of "the back pockets" of ARRL members. As quite  
> a few of us have seen, the ARRL is now connected to the Internet. Drop  
> the DIRECT connection, and save several thousand dollars a month.

In article <1823@arrl.org>, jlbloom@arrl.org (Jon Bloom, KE3Z) writes...

> Well. This is the first time we've been dinged for being \*too well\*  
> connected to the Internet. Congratulations! You win the award for  
> coming up with a new complaint.

In article <26JUL199311552066@nssdca.gsfc.nasa.gov>,  
stocker@nssdca.gsfc.nasa.gov (ERICH FRANZ STOCKER) writes:

> Good work! Keep upgrading connectivity.

I second the motion! Some people will complain about anything.

--  
David Myers                    "You guys listen to managers                    (513) 865-1343  
Mead Data Central                    much too often."                    Fabrication Systems  
P.O. Box 933                    My manager                    dem@meaddata.com  
Dayton, Ohio 45401                    28                    2/5/93                    7                    ...!uunet!meaddata!dem

Date: 26 Jul 93 15:30:50 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: ARRL Internet connection (was: Re: STILL waiting ...)  
To: info-hams@ucsd.edu

Hank Oredson writes:

>Jon,  
>  
>is the ARRL considering providing an ftp archive for  
>ham radio related software ?  
>  
>As things stand now, there are lots of different places  
>one can find (or put ...) various software packages related  
>to ham radio. Were the ARRL to provide a common meeting place  
>for all such software, it might prove a large benefit.  
>  
>If not an archive, how about a directory of other archives?

Right now, we're still thrashing out the mechanics of (eventually) getting a viable FTP capability. I rather doubt we would make a general software repository; we'll probably continue to connect via dial-up modem, which means it'll be too slow to support a large number of real-time FTP connections.

I'll talk to the folks running the INFO server about a directory of archives. Sounds like a good idea to me, but I can't commit their time :-)

By the way, the blank "Followup-to" line in your news postings confuses my news reader no end.

-----

Jon Bloom, KE3Z	jbloom@arrl.org
American Radio Relay League	
225 Main St., Newington CT 06111	

-----

Date: 26 Jul 1993 19:27:14 GMT  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
sol.ctr.columbia.edu!caen!malgudi.oar.net!news.ysu.edu!yfn.ysu.edu!  
ag821@network.ucsd.edu  
Subject: ARRL Internet connection (was: Re: STILL waiting ...)  
To: info-hams@ucsd.edu

In a previous article, stocker@nssdca.gsfc.nasa.gov (ERICH FRANZ STOCKER) says:

>In article <1823@arrl.org>, jbloom@arrl.org (Jon Bloom, KE3Z) writes...  
>>In rec.radio.amateur.misc, jherndo@eis.calstate.edu (John Herndon) writes:

>>>Well, stop taking it out of "the back pockets" of ARRL members. As quite  
>>>a few of us have seen, the ARRL is now connected to the Internet. Drop  
>>>the DIRECT connection, and save several thousand dollars a month.  
>>  
>>Well. This is the first time we've been dinged for being \*too well\*  
>>connected to the Internet. Congratulations! You win the award for  
>>coming up with a new complaint.  
>>  
>>In fact, we pay something in the neighborhood of \$2000 \*per year\* for  
>>our dial-up connection. \*I\* feel that the additional service we are  
>>able to provide to our members is more than worth that amount.  
>>  
>>>That's meant more of a poke in the side than anything. But it cues a  
>>>question, Why is the ARRL online? Why not just hookup to a mail/usenet  
>>>server.  
>>  
>>We used to be connected through a uucp connection to a local university.  
>>The unreliability of that connection is what drove us to a paid-for  
>>connection in the first place.  
>>  
>>>Is there a possible expansion in mind?  
>>  
>>We hope to one day provide some FTP access, as well as a better mail  
>>connection. We are presently waiting for our service provider to  
>>upgrade the capabilities at its Hartford POP. Then we may upgrade  
>>the connection somewhat. (No firm decision has been made, though.)  
>>-----  
>>Jon Bloom, KE3Z | jbbloom@arrl.org  
>>American Radio Relay League |  
>>225 Main St., Newington CT 06111 |  
>  
>  
>  
>Yes, I would hate to see ARRL connectivity to the internet do anything but  
>get better. One has to be careful in ones budget but not "cheap". Strong  
>connectivity is the way to go and will make service more efficient. The  
>country is becoming connected (perhaps not as quickly as I would like but at  
>least continuously). I would like to see the ARRL leading and not trailing  
>the effort (not that its trailing now; pace seems about equal with the  
>rest of US ).  
>  
>Good work! Keep upgrading connectivity.  
>  
>Erich  
>N3OXM  
>

I agree also... seems stupid to go backwards.. I imagine

it was a fight to provide this service. More and more people are being able to connect to the Internet, and many thru home modems and Freenets. I have had much better luck getting responses over the Internet.

ARRL...keep up the good work.

Jeff, AC4HF

--

Jeff M. Gold, AC4HF  
Manager, Academic Computing Support  
Tennessee Technological University

-----  
Date: 27 Jul 93 12:13:28 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: difference between 4X250B & 4CX250 tubes  
To: info-hams@ucsd.edu

I am looking for information about two tubes - 4X250B and 4CX250. My amplifier uses the 4X250B and I would like to know if I could use the 4CX250 as replacement.

WB3EJA Art Hall  
ahall@umassmed.ummed.edu

--  
Login name: ahall                      In real life: Art A. Hall  
Office: Biomedical, (508)8563758  
Directory: /resh/ahall

-----  
Date: Mon, 26 Jul 1993 22:19:02 GMT  
From: nosc!crash!pnet01!tommy@ames.arpa  
Subject: FT-221 Manual/copy needed  
To: info-hams@ucsd.edu

Recently, I acquired a Yaesu FT-221 all-mode 2M rig which was damaged. In order to replace some of the parts, I need a copy of the schematics so I can get part numbers (the broken parts don't have numbers anymore).

Any help is greatly appreciated.

Tom

KD6OZK

tommy@pnet01.cts.com

Tom Williams on RadioSport! (619)279-3921

Answering machine (619)469-0831

Tom Williams	UUCP: {hplabs!hp-sdd ucsd nosc}!crash!pnet01!tommy	
KD6OZK	ARPA: crash!pnet01!tommy@nosc.mil	
Mr. Wizard	INET: tommy@pnet01.cts.com	
"The only winning move is ... not to play."	Joshua, WarGames	

quit

-----

Date: 26 Jul 93 15:25:07 est

From: psinntp!arrl.org@uunet.uu.net

Subject: historic question

To: info-hams@ucsd.edu

In rec.radio.amateur.misc, dadams@cray.com (David Adams) writes:

>In browsing through the July issue of QST I notice (p. 101 under 75 years ago)

>

>"July 1918 -- QST, like US Amateur Radio itself, remains shut down for the  
>duration oof World War I."

>

>Why was Amateur Radio shut down in WWI? Fear of Espionage? Why was it  
>not shut down in other wars?

Hello--I write the 75/50/25 Years Ago column in \*QST\*, so that  
little bit of deathless prose (such as it is) is mine.

Yes, Amateur Radio was shut down in WWI for fear of espionage.  
It was shut down in WWII for basically the same reason. There's a  
difference, though: During WWI, the order was that you had to  
lower your antenna to the ground and totally disconnect it (and  
your ground system) from \*all\* of your radio gear. There was to  
be neither amateur sending \*nor receiving\* -- again, out of fear  
of espionage. (Broadcasting wasn't affected because there wasn't  
any radio broadcasting then!) It wasn't even legal to test an  
amateur transmitter into a dummy antenna--the question was  
officially asked and officially answered with a very official  
\*No!\*

During World War II, you could at least \*listen\*.

Regards/WJ1Z

David Newkirk, Senior Asst Tech Editor | voice: 203-666-1541 X280  
American Radio Relay League | fax: 203-665-7531  
225 Main St, Newington CT 06111 USA | net: dnewkirk@arrl.org

-----  
Date: 26 Jul 93 15:46:29 est  
From: psinntp!arrl.org@uunet.uu.net  
Subject: historic question  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, wjc@ll.mit.edu (Bill Chiarchiaro) writes:

[deletions]

> In the U.S., ham radio was also shut down during World War II  
>(although I think the old 112-MHz band was kept open for use by hams  
>in some sort of civil-defense type organization).

Yes. That was the War Emergency Radio Service (WERS).

Regards/WJ1Z

David Newkirk, Senior Asst Tech Editor | voice: 203-666-1541 X280  
American Radio Relay League | fax: 203-665-7531  
225 Main St, Newington CT 06111 USA | net: dnewkirk@arrl.org

-----  
Date: 26 Jul 93 15:34:05 est  
From: psinntp!arrl.org@uunet.uu.net  
Subject: historic question  
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, jholly@cup.hp.com (Jim Hollenback) writes:

[deletions]

>say what? Amateur Radio was off the air before the sun set on Dec 7, 1941.  
>remained off untill a couple months after the 'big' one. WWII was the last  
>'war' that the US fought, the others were police actions.

We had a heck of a time getting back on after WWI--the Navy,  
having achieved absolute control over the airwaves as a result of



the war, didn't want to let hams back on. (We were allowed to hook our \*receivers\* back to our antennas in the first half of 1919.) It literally took an act of Congress, on behalf of ARRL, to get the Navy to stop saying no. We didn't get \*transmitting\* privileges back until November 1919 -- about a year after the Armistice!

On the other hand, we were back on the air quite soon after WWII--on August 21, 1945, sharing the 112 to 118-Mc. band with the War Emergency Radio Service. Frequency-allocation shuffling due to the war almost immediately yanked that stopgap, gave us 144-148 and let us get going there. It took some months more to get HF back, though (10 meters was first), and longer for 160 (LORAN had come in). What had been 5 meters (56-60 Mc.) turned into 6 (50-54).

(Fun to think about how different things were right then: There was no Novice license, no 15 meters, no phone on 40 meters, and the call areas had just be reshuffled to move boundaries, create the 0 district -- all sort of fine-tunings and shapes of things to come.)

For a few-months stretch in the early 1950s, Amateur Radio loaned part of 80/75 meters to the military for maneuvers -- a direct result of the Korean War.

Regards/WJ1Z

David Newkirk, Senior Asst Tech Editor		voice: 203-666-1541 X280
American Radio Relay League		fax: 203-665-7531
225 Main St, Newington CT 06111 USA		net: dnewkirk@arrl.org

-----  
Date: 27 Jul 93 12:19:18 GMT  
From: ogicse!uwm.edu!math.ohio-state.edu!darwin.sura.net!rsg1.er.usgs.gov!  
dgg.cr.usgs.gov!bodoh@network.ucsd.edu  
Subject: information needed on region 8's tech license....  
To: info-hams@ucsd.edu

In article <1993Jul26.232918.1854@uhura.neoucom.edu>, wtm@uhura.neoucom.edu (Bill Mayhew) writes:

|> The most recent N8 call sign I've heard is N8ZCA. That was issued  
|> about a month or so ago. A few more VE sessions and we'll be  
|> hearing NA8 calls, or whatever comes next.  
|>  
|> As Ron Popeil would say: N8 amateur license, perfect for all

|> occasions. Comes in handy size suitable for wall mounting.  
|> Special pocket size lincense with transferrable :-) laser print  
|> included at no additional cost. So you don't forget, send your  
|> form 610 before midnight tonight! Quantities limited.  
|> Please allow eight to ten weeks for delivery. Satisfaction  
|> guaranteed (maybe?).  
|>  
|> --  
|> Bill Mayhew               NEOUCOM Computer Services Department  
|> Rootstown, OH 44272-9995 USA       phone: 216-325-2511  
|> wtm@uhura.neoucom.edu       amateur radio 146.58: N8WED

--

Anyone know what the latest N0??? calls are? Thanks...

I had been hoping for something catchy like N0XYL (no XYL) or N0XYZ, but I may have to shoot for N0YES...

```
+++++
+ Tom Bodoh - Sr. systems software engineer, Hughes STX, N0X?? or N0Y??      +
+ USGS/EROS Data Center, Sioux Falls, SD, USA 57198      (605) 594-6830      +
+ Internet; bodoh@dgg.cr.usgs.gov (152.61.192.66)
+
+ "Welcome back my friends to the show that never ends!" EL&P
+
+++++
```

-----

Date: 26 Jul 93 15:55:59 EST  
From: dog.ee.lbl.gov!overload.lbl.gov!agate!howland.reston.ans.net!  
europa.eng.gtefsd.com!news.ans.net!malgudi.oar.net!uoft02.utoledo.edu!tulip!  
mohan@network.ucsd.edu  
Subject: Latest modes of operating and highest frequencies ?  
To: info-hams@ucsd.edu

Hello,

Amateur radio operators have been consistently using the latest advances in Communications and other technologies. Recent trends like networking and DSP are also increasing in use at a rapid rate.

So, I am interested to know about the following :

1. What the latest modes of operation
2. Technologies used in Amateur Radio like DSP.
3. Recent trends ...

If possible please let me know where I can read more about the information.

Thanks for the information. I will summarize to this group all responses.

--mohan/Waiting for license. :)

```
=====
+ Mohanakrishna Pakkurti          + mohan@jupiter.cse.utoledo.edu      +
+ HOME: 2239 University Hills Blvd #204, Toledo OH 43606. Phone:(419)536-9073 +
=====
```

-----

Date: Mon, 26 Jul 1993 17:09:33 +0000  
From: korie!west.West.Sun.COM!news2me.EBay.Sun.COM!seven-up.East.Sun.COM!sungy!  
uk-usenet.uk.sun.com!demon!g1xgp.demon.co.uk!g1xgp@decwrl.dec.com  
Subject: rsgb gb2rs news 25th july  
To: info-hams@ucsd.edu

In article <CArqoq.Ky@brunel.ac.uk> Alan.Holmes@brunel.ac.uk (Alan J Holmes)  
writes:

>  
> Note that this article was posted on Sat 24 july. Most  
> of us don't read it on Saturdays, so what on earth is the  
> point of posting information about incidents taking place  
> on Sunday when we will not read about it until Monday  
> morning at the earliest?  
>  
> Regards  
>  
> Alan Holmes G4CRW

Spend a couple of bob and have a setup at home.

73 Steve G1XGP

```
-----
+ Steve Blinkhorn      + G1XGP @ GB7DUG.#32.GBR.EU (Amateur Radio) +
+ AMPRnet              + g1xgp@g1xgp.ampr.org      [44.131.16.147] +
+ Essex Packet Group + g1xgp@g1xgp.demon.co.uk (Internet)      +
-----
```

-----

Date: Mon, 26 Jul 1993 18:00:33 +0000  
From: korie!west.West.Sun.COM!cronkite.Central.Sun.COM!sixgun.East.Sun.COM!seven-  
up.East.Sun.COM!sungy!uk-usenet.uk.sun.com!demon!llondel.demon.co.uk!  
dave@decwrl.dec.com  
Subject: rsgb gb2rs news 25th july  
To: info-hams@ucsd.edu

In article <CArqq.Ky@brunel.ac.uk> Alan.Holmes@brunel.ac.uk (Alan J Holmes) writes:

> In article <743500223snz@tedb.demon.co.uk> ted@tedb.demon.co.uk (Edward Batts) writes:

>

> >Good morning. It's Sunday the 25th of July and here is the GB2RS news

> >broadcast, prepared by the Radio Society of Great Britain.

>

> Some stuff.

>

> >We know of five rallies taking place today Sunday the 25th:

>

> Note that this article was posted on Sat 24 july. Most

> of us don't read it on Saturdays, so what on earth is the

> point of posting information about incedents taking place

> on Sunday when we will not read about it until Monday

> morning at the earliest?

>

Well I saw it on Saurday..... you often find the \*full\* news (inc all the local stuff) is on uk.radio.amateur before the weekend starts. I think it depends on what Ted's workload is as to when he manages to post it (and when he gets it from HQ!)

Note that what is posted to the net is basically the RSGB news as read out on-air on Sunday mornings so you could always listen to the real thing if you really want to know about rallies. Failing that, look in Radcom or another mag.

Dave

```
*****
* G4WRW @ GB7WRW.#41.GBR.EU AX25      *   You think *you* have problems?   *
* dave@llondel.demon.co.uk Internet *   What do you do if you *are*       *
* g4wriw@g4wriw.ampr.org   Ampnet  *   a manically depressed robot??   *
*****
```

-----

Date: Mon, 26 Jul 1993 21:45:39 GMT

From: mcsun!ieunet!tcdcs!vax1.tcd.ie!lodonoho@uunet.uu.net

Subject: RTTY/CW via Soundblaster?...

To: info-hams@ucsd.edu

Does anyone know of a package that will allow me to decode CW/RTTY via the audio input of a Soundblaster card?

Thanks,

Larry.

-----  
Date: 26 Jul 93 15:30:03 EDT  
From: psinntp!arrl.org@uunet.uu.net  
Subject: VE Test Conditions  
To: info-hams@ucsd.edu

Jon, I can't help myself! :-).

In rec.radio.amateur.misc, jeg7e@livia.acs.Virginia.EDU (Jon Gefaell) writes:

>I've found the participation of the ARRL in the net to be exemplary. It's  
>almost enough to make me subscribe to your magazine again.

So, considering that ARRL membership is more than a subscription,  
please tell me what it would take to win you back into the fold.  
We really would like the support of all of those who think that we  
are doing some good for Amateur Radio.

73 from ARRL HQ, Ed

-----  
Ed Hare, KA1CV  
American Radio Relay League  
225 Main St.  
Newington, CT 06111  
(203) 666-1541 - voice  
ARRL Laboratory Supervisor  
RFI, xmtr and rcvr testing  
ehare@arrl.org  
"You will never put the puzzle together  
if you keep putting all of the pieces  
back in the box." Colleen

-----  
Date: 27 Jul 93 14:01:28 GMT  
From: mnemosyne.cs.du.edu!nyx!lkollar@uunet.uu.net  
Subject: Wash Cnty, OR Antenna Ordinance - HELP !!  
To: info-hams@ucsd.edu

I'd call the urban regulations almost reasonable. Setbacks protect you as  
well as your neighbors -- I'd sure hate to have a tower clobber my neighbor's  
house.

Rural regulations are ridiculous, though. Around where I live, outside land-  
scaping includes chicken houses, junk cars, farm equipment (working), fishing  
boats, etc. etc. Who's going to complain about a tower (assuming they could  
even see it for all the trees)?

Good luck to you guys out there -- I hope y'all can reach a reasonable compromise.

73, Larry  
KC4WZK (Home QTH in Olde Moonshine Country :-)

--

Larry Kollar, KC4WZK | I like CW, but that doesn't mean I think  
lkollar@nyx.cs.du.edu | every ham should have to learn it.

-----

Date: Mon, 26 Jul 1993 23:17:22 GMT  
From: pravda.sdsc.edu!news.cerf.net!usc!howland.reston.ans.net!  
newsserver.jvnc.net!newsserver.egr.uri.edu!orca!swamik@network.ucsd.edu  
Subject: What arew hams doing abt the floods  
To: info-hams@ucsd.edu

What are hams doing abt the floods in the US? The University of RI Ama. Rad. Clu.  
( W1KMV) is willing to help.

73s de KB1AMB/AA

-----

Swami Kumaresan  
swamik@orca.ele.uri.edu  
swamik@morio.e-technik.uni-kl.de  
KB1AMB@KA1AZ.RI (Ham Radio BBS)  
kb1amb@kb1amb.ampr.org AMPRNet (Amateur Packet Radio TCP/IP Network)

KB1AMB/AA Advanced Class Amateur Radio Operator  
I Monitor 147.165/.765 Repeater  
& 20 meter band (SSB & CW)

73s

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End of Info-Hams Digest V93 #906  
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